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DECLARATION IN ORIGINAL APPLICATION

Attorney Docket No. 501.12-0711/STL 9608

SPECIFICATION AND INVENTOPERTY THENTET CARTON

| | THE THE PROPERTY OF THE PROPERTY. | ICALION |
|---|--|--|
| I believe I amatter which is claimed, | I declare that: post office address and cit m the original, first and sole and for which a patent is so ED BUFFER MANAGEMENT the speci | inventor of the subject |
| X is entitle attorney of | ed _SEQUENTIAL VECTORED BUFFE docket number _S01.12-0711/STL | R MANAGEMENT, having an 9608. |
| and was an | on June 28, 2001 as Appln. No. mended on bed and claimed in PCT Interna filed on Article 19 on | Clonal Application |
| ACKNOWLEDCEME | NT OF REVIEW OF PAPERS AND DUT | Y OF CANDOR |
| above. I acknowledge the | ed and understand the contents the claims, as amended by any duty to disclose information tability of this application | amendment referred to |
| PR | IORITY CLAIM (35 U.S.C. \$ 119) | |
| ! | Prior Foreign Application(s) | |
| I claim foreig foreign application(s) for of which is incorporated b pelow any foreign applica | n priority benefits under 35 U patent or inventor's certific y reference in its entirety, a tion for patent or inventor's the application on which prior | cate listed below, each and have also identified |
| Number Country | Day/Month/Year Filed | Priority Claimed |
| | | YesNo |
| <u>Pri</u> | or Provisional Application(s) | |
| I hereby claim States Provisional Applica By reference in its entiret | the benefit under 35 U.S.C. tion(s) listed below, each of cy: | \$119(e) of any United which is incorporated |
| umber | Day/Month/Year Filed | |
| 0/224,176 | August 9, 2000 | |





PRIORITY CLAIM (35 U.S.C. § 120)

I claim the benefit under 35 U.S.C. 5 120 of any United States application(s) listed below, each of which is incorporated by reference in its entirety. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Appln. No. | U.S. Appln. No. (if any under PCT) | Filing Date | Status |
|------------|---------------------------------------|-------------|--------|
| | | | |
| | | | |

DECLARATION

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 19 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to <u>Joseph R.</u>
<u>Kelly</u> in care of:

WESTMAN, CHAMPLIN & KELLY, P.A.
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

| Inventor: | Date: |
|---|--------------------------|
| (Signature) | |
| Inventor: Jonathan W. Haines (Printed Name) | _ |
| Residence: Lafayette, Colorado | Citizenship: U.S.A. |
| P.O. Address: 2285 Autumn Ridge Blvd., I | Lafayette, CO 80026-8834 |
| Inventor: (Signature) | Date: 19-2002 |
| Inventor: Steven S. Williams (Printed Name) | _ |
| Residence: Longmont, Colorado | Citizenship: U.S.A. |
| P.O. Address: 1832 Juniper St., Longmont | , CO 90501 |

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Attorney Docket No.

S01.12-0711/STL 9608

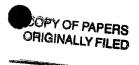
DECLARATION IN ORIGINAL APPLICATION

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

| | idence, post office address | and citizenship are as stated |
|--|---|---|
| below next to my na I beli | ame. eve I am the original, first | and sole inventor of the subject |
| matter which is clentitled <u>SEQUENTIAL</u> | laimed, and for which a pate VECTORED BUFFER MANAGEMENT | ent is sought, on the invention the specification of which, |
| <u>X</u> is at: | entitled <u>SEQUENTIAL VECTOR</u> corney docket number <u>S01.12</u> - | RED BUFFER MANAGEMENT, having an 0711/STL 9608 . |
| ane | s filed on <u>June 28, 2001</u> as A d was amended on s described and claimed in PC | • |
| No | filed on der PCT Article 19 on | and as amended |
| ACKNOW | LEDGEMENT OF REVIEW OF PAPER | S AND DUTY OF CANDOR |
| specification, inc above. I acknowle | luding the claims, as amend dge the duty to disclose inf | contents of the above-identified ed by any amendment referred to ormation which is known to me to plication in accordance with 37 |
| | PRIORITY CLAIM (35 U.S. | C. § 119) |
| | Prior Foreign Applica | tion(s) |
| foreign application of which is incorp below any foreign | n(s) for patent or inventor' orated by reference in its en | under 35 U.S.C. § 119(a-d) of any s certificate listed below, each attrety, and have also identified inventor's certificate having a which priority is claimed: |
| Number Countr | y Day/Month/Year Filed | d Priority Claimed |
| | | Yes No Yes No |
| | Prior Provisional Appli | cation(s) |
| I here States Provisional by reference in it | Application(s) listed below | 35 U.S.C. §119(e) of any United w, each of which is incorporated |
| Number | Day/Month/Year File | d |
| 60/224,176 | August 9, | 2000 |
| | | |







PRIORITY CLAIM (35 U.S.C. § 120)

I claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, each of which is incorporated by reference in its entirety. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Appln. No. | U.S. Appln. No. (if any under PCT) | Filing Date | Status |
|---|---|--|---|
| | | | |
| | DECLA | RATION | |
| knowledge are belief are bel with the knowl | declare that all stater true and that all state ieved to be true; and factorized that willful false fine or imprisonment, or alse statements may jeopa and thereon. | ments that are made further that these e statements and the both, under 18 U.: | e on information and statements were made ne like so made are S.C. § 1001 and that |
| | DESIGNATION OF COR | RESPONDENCE ADDRESS | |
| Plo Kelly in care | ease address all correspo | ndence and telephon | e calls to <u>Joseph R.</u> |
| | Suite 1600 - Int 900 Second | IN & KELLY, P.A. ernational Centre Avenue South mesota 55402-3319 2 Fax: (612) 334-3 | 312 |
| Inventor: | (Signature) | Date: | 12/3/2001 |
| Inventor: Jon | (Printed Name) | | |
| Residence: 4 | fayette, Colorado | Citizensh | ip: U.S.A. |
| P.O. Address: | 1495 Patton Drive, B | , Lafayotte, CO 801 oulder | 026-8834 |
| | | | |
| Inventor: | (Signature) | Date: | |
| Inventor: <u>Ste</u> | ven S. Williams (Printed Name) | | |
| Residence: Lo | ngmont, Colorado | Citizenshi | p: <u>U.S.A.</u> |
| P.O. Address: | 1832 Juniper St., Longm | nont, CO 80501 | |

Docket:

COPY OF PERS ORIGINALLY FILED

PATENT

| IN THE UNITED | STATES PATENT AND TRAD | CIATURE CLITCE | |
|-----------------|---------------------------|-----------------|------|
| & Theventor(s): | Jonathan W. Haines et al. | | |
| Serial No.: | 09/894,821 | Examiner: | |
| Filed: | June 28, 2001 | Group Art Unit: | 2651 |
| Title: | SEQUENTIAL VECTOR BUT | FFER MANAGEMENT | |

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified application, REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

S01.12-0711/STL 9608

NEW POWER OF ATTORNEY

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the

Patent and Trademark Office connected therewith.

| Shawn B. Dempster, Registration No. 34,321 | Jennifer Buenzow, Registration No. P-50,124 |
|---|---|
| David K. Lucente, Registration No. 36,202 | Raghunath S. Minisandram, Registration No. 38,683 |
| Derek J. Berger, Registration No. 45,401 | Carol I. Bordas, Registration No. 37,284 |
| Kirk A. Cesari, Registration No. 47,479 | Paul T. Dietz, Registration No. 38,858 |
| Mitchell K. McCarthy, Registration No. 38,794 | |

And members of the firm of Westman, Champlin & Kelly, P.A.:

Judson K. Champlin, Reg. No. 34,797; Joseph R. Kelly, Reg. No. 34,847; Nickolas E. Westman, Reg. No. 20,147;

Steven M. Koehler, Reg. No. 36,188; David D. Brush, Reg. No. 34,557; John D. Veldhuis-Kroeze, Reg. No. 38,354; Deirdre Megley Kvale, Reg. No. 35,612; Theodore M. Magee, Reg. No. 39,758; Christopher R.

Christenson, Reg. No. 42,413; Brian D. Kaul, Reg. No. 41,885; Robert M. Angus, Reg. No. 24,383; Christopher L. Holt, Reg. No. 45,844; Alan G. Rego, Reg. No. 45,956; and David C. Bohn, Reg. No. 32,015

CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

Westman, Champlin & Kelly 900 Second Avenue South Suite 1600 - International Centre Minneapolis, MN 55402-3319 (612)334-3222 (Phone) (612)334-3312 (Fax)

STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC (Assignee of Entire Interest)

Date

Kark A. Cesari, Registration No. 47,479

Patent Agent

SEAGATE TECHNOLOGY LLC
Intellectual Property Dept. – SHK2LG

1280 Disc Drive

Shakopee, MN 55379-1863

(952) 402-3534 (telephone)

(952) 402-2657 (facsimile)